PTO/SB/05	(11-00

Approved for use through 10/31/2002. OMB 0651-0032

Please type a plus sign (+) inside this box + U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## UTILITY PATENT APPLICATION **TRANSMITTAL**

45283.5 Attorney Docket No. Huang First Inventor Redox Solid Oxide Fuel Cell

(Only for new nonprovisional applications under 37 CFR 1.53(b))	xpress Mail Label No.
APPLICATION ELEMENTS	ADDRESS TO:  Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
See MPEP chapter 600 concerning utility patent application contents.	
Fee Transmittal Form (e.g., PTO/SB/17)	7. CD-ROM or CD-R in duplicate, large table or
(Submit an original and a duplicate for fee processing)     Applicant claims small entity status.	Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission
2. See 37 CFR 1.27.	(if applicable, all necessary)
Specification [Total Pages 19 ]	a Computer Readable Form (CRF)
3. (preferred arrangement set forth below)	a. Computer Readable Form (CRF)
- Descriptive title of the invention	<ul> <li>b. Specification Sequence Listing on:</li> </ul>
<ul> <li>Cross Reference to Related Applications</li> <li>Statement Regarding Fed sponsored R &amp; D</li> </ul>	i. CD-ROM or CD-R (2 copies); or
<ul> <li>Reference to sequence listing, a table,</li> </ul>	ii. 🔲 paper
or a computer program listing appendix	c. Statements verifying identity of above copies
- Background of the Invention	
<ul> <li>Brief Summary of the Invention</li> <li>Brief Description of the Drawings (if filed)</li> </ul>	ACCOMPANYING APPLICATION PARTS
- Detailed Description	Assignment Papers (cover sheet & document(s))
- Claim(s)	37 CFR 3.73(b) Statement Power of
- Abstract of the Disclosure	10. (when there is an assignee) Attorney
4. V Drawing(s) (35 U.S.C. 113) [ Total Sheets 5 ]	11. English Translation Document (if applicable)  Copies of IDS
5. Oath or Declaration [ Total Pages ]	12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS
a. Newly executed (original or copy)	13. Preliminary Amendment
Copy from a prior application (37 CFR 1.63 (d)) b. (for continuation/divisional with Box 18 completed)	Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
i DELETION OF INVENTOR(S)	15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
Signed statement attached deleting inventor(s)	Poguest and Certification under 35 U.S.C. 122
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	(b)(2)(B)(i). Applicant must attach form PTO/SB/35
1.05(4)(2) 4.10 1.50(5).	or its equivalent.
6. Application Data Sheet. See 37 CFR 1.76	17. Other:
18. If a CONTINUING APPLICATION, check appropriate box, and supply	y the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76:	of prior application No.: 60 / 260,877
Continuation Divisional Continuation-in-part (CIP)	of prof approach No
Prior application information: Examiner	Group Art Unit:
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the Box 5b, is considered a part of the disclosure of the accompanying continua	prior application, from which an oath or declaration is supplied under
Box 5b, is considered a part of the disclosure of the accompanying continual The incorporation can only be relied upon when a portion has been inadverted.	entity omitted from the submitted application parts.
19. CORRESPONDE	
22828	or Correspondence address below
Customer Number or Bar Code Label [Insert] @ustomer No. or Attach bard	ode(label/bare)
Name	
<u> </u>	
Address	State Zip Code
Ony	<u> </u>
Country Telep	phone Fax
Name (PrintlType) EDWARD YOO	Registration No. (Attorney/Agent) 41,435
Signature	Date 11 Jan 2002

Burden Hour Statement: This form is estimated to take 9.2 nours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this fibra should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

lourser or lure

Fee Fee

Code (\$)

101 740

106 330

107 510

108 740

114 160

18 210

110

Fee Fee

Code (\$)

201 370

208 370

214 80

207

Utility filing fee

Plant filing fee

Reissue filing fee

Provisional filing fee

SUBTOTAL (1) (\$) 370.00

\*\* Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

\*\*or number previously paid, if greater; For Reissues, see above

(\$) 36.00

Design filing fee

PTO/SB/17 (10-01 Approved for use through 10/31/2002. OMB 0651-003 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCI Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number							
		С	Complete if Known				
FEE TRANSMITT	AL	Application	n Number				
for FY 2002		Filing Date					
101 F 1 2002		First Name	ed Inventor	Huang			
Patent fees are subject to annual revision.		Examiner	Name				
Group Art Unit		Unit					
TOTAL AMOUNT OF PAYMENT (\$) 406.00		Attorney D	ocket No.	45283.5			
METHOD OF PAYMENT			FEE C	ALCULATION (continued)			
The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:  Deposit Account Number  Deposit Account Name  Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	Fee	ode (\$) Cod 5 130 205	Small Entity Fee (\$) 65 Surch 25 Surch cover	Fee Description  narge - late filing fee or oath  narge - late provisional filing fee or sheet	Fee Paid		
Applicant claims small entity status.  See 37 CFR 1.27  2. Payment Enclosed: Check Credit card Money Order Othor		7 2,520 147 2 920° 112	2,520 For fi 920° Requ Ехап	English specification iling a request for ex parte reexaminatio resting publication of SIR prior to niner action resting publication of SIR after	n		
FEE CALCULATION			Exan	niner action nsion for reply within first month			
1. BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Fee Fee Description	116	6 400 216	200 Exter	nsion for reply within second month			

2. EXTRA CLAIM FEES	141	1,280	241	640	Petition to revive - unintentional	
Fee from Extra Claims below Fee Paid	142	1,280	242	640	Utility issue fee (or reissue)	
Total Claims 24 -20 = 4 x 9 = 36.00	143	460	243	230	Design issue fee .	
Independent 3 - 3** = 0 x 0 = 0	144	620	244	310	Plant issue fee	
Claims Multiple Dependent  0 = 0	122	130	122	130	Petitions to the Commissioner	
	123	50	123	50	Processing fee under 37 CFR 1.17(q)	
Large Entity Small Entity	126	180	126	180	Submission of Information Disclosure Strnt	
Fee Fee Fee Fee Description Code (\$) Code (\$)	581	40	581	40	Recording each patent assignment per	
103 18 203 9 Claims in excess of 20					property (times number of properties)	
102 84 202 42 Independent claims in excess of 3	146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
104 280 204 140 Multiple dependent claim, if not paid	149	740	249	370	For each additional invention to be	-
109 84 209 42 "Reissue independent claims over original patent	149	740	249	3/0	examined (37 CFR § 1.129(b))	
4.00	179	740	279	370	Request for Continued Examination (RCE)	

120 320

121 280

1,440 218 720

138 1,510 138 1,510

110 240 55

228 980

219 160

220 160

221 140

900

\*Reduced by Basic Filing Fee Paid

Extension for reply within fourth month

Extension for reply within fifth month

Filing a brief in support of an appeal

Request for expedited examination of a design application

SUBTOTAL (3)

(\$)

Petition to institute a public use proceeding

Notice of Appeal

Request for oral hearing

Petition to revive - unavoidable

Fee Paid

370.00

SUBMITTED BY						Complete (if applicable)		
Name (Print/Type)	EDWARD YOO		Registration No. (Attorney/Agent)	41,435	Telephone	780-421-8133		
Signature		7	Tentorial Indiana		Date	11 Jan 2002		

Other fee (specify)

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.